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|  | **Biology** | **شعار-القسم** |
| **Worksheet-7-** |
| Pyramids of number and biomass |

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| Name: Class: 8 /……........ | |
| Book pages:480-485 | |
| **18-3-2012** | Date: |
| 8.5.2 | Core Standard number |
| 1.Draw pyramids of number from data of food chains.  2.Explain why some pyramids of numbers are not pyramid shaped. | Learning Objectives  Logo + text 2 |

1- Pyramid of numbers

Given the following food chain:



grass

rabbit

hawk

snake

Suppose there are 10 hawks, 300 snakes, 4500 rabbits and 270000 grass plants.

1. Complete the following pyramid :

**trophic level 4**

**trophic level 3**

**trophic level 2**

**trophic level 1**

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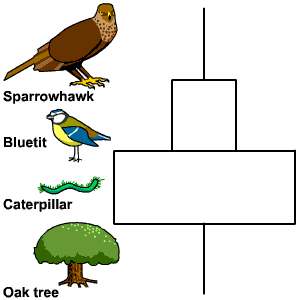
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b- What does this pyramid compare?

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c- What is this pyramid called?

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2- a- What type of pyramid is this?

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1. What is the top consumer?

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1. Why do some pyramids of numbers not have a pyramid shape? Draw out an example of your own to illustrate your answer.

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Q3: Draw the following pyramid of numbers – why is it not a traditional shape? Put in a logical order - organisms: 1500 lice, 1 apple tree, 5 thrashers (birds), 4000 tent caterpillars.

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